

What is claimed is:

- 1 1. A method for using an audio input from a telephony device to perform an action on an Internet protocol (“IP”) network, the method comprising:
 - 3 providing a telephony interface module;
 - 4 receiving at the telephony interface module from the telephony device a first packet signal conforming to a telephony packet protocol and having an audio portion;
 - 6 receiving at the telephony interface module from a second module in communication with the telephony interface module (i) a second packet signal conforming to an IP, the second packet signal having an audio portion and (ii) a command;
 - 9 routing the first packet signal in accordance with the received command;
 - 10 converting, in the telephony interface module, the second packet signal to a third packet signal conforming to a telephony packet protocol and including an audio portion; and
 - 12 transmitting the third packet signal to the telephony device.
- 1 2. The method of claim 1 further comprising:
 - 2 routing the first packet signal to a navigation module in communication with the telephony interface module;
 - 4 converting, in the navigation module the audio portion of the first packet signal to a text equivalent signal;
 - 6 converting, in the telephony interface module, the text equivalent signal to an IP network command signal; and
 - 8 using the IP network command signal to retrieve a document from the IP network.
- 1 3. The method of claim 2 wherein the retrieved document is a voice XML document from the Internet.

1 4. The method of claim 2 wherein the retrieved document is an HTML document from the
2 Internet.

1 5. The method of claim 4 wherein the second module is a text to speech module, the method
2 further comprising:

3 receiving a displayable text portion of the HTML document;
4 converting the displayable text portion to an equivalent audio signal and converting the
5 audio signal to an IP-based packet signal, thereby generating the second IP packet signal.

1 6. The method of claim 1 wherein the step of receiving at the telephony interface module
2 from the telephony device further comprises using a telephony gateway to convert an audio
3 signal from a circuit switched signal to the first packet signal conforming to a telephony packet
4 protocol and having an audio portion.

1 7. The method of claim 1 wherein the step of transmitting the third packet signal to the
2 telephony device further comprises using a telephony gateway to convert the third packet signal
3 to a circuit switched signal thereby generating an audio signal receivable by the telephony device
4 over the PSTN.

1 8. The method of claim 1 wherein the telephony packet protocol conforms to one of a H.323
2 and a SIP communications standard.

1 9. The method of claim 1 further comprising generating, in the telephony device, the first
2 packet signal conforming to a telephony packet protocol and having an audio portion.

1 10. A audio web telephone system comprising:
2 a telephony gateway in communication with a public switched telephone network
3 (“PSTN”), the telephone gateway configured to a) receive a circuit-switched signal from a

4 telephony device over the PSTN and b) convert the circuit-switched signal to a telephony packet
5 protocol signal having an audio portion;
6 an Internet protocol (“IP”) network;
7 an audio browser in communication with the telephony gateway to receive the telephony
8 packet protocol signal and in communication with the IP network..

1 11. The system of claim 10 wherein the audio browser further comprises:
2 a voice XML browser;
3 a navigation module;
4 a content retrieval module; and
5 a telephony interface module.

1 12. The system of claim 10 further comprising web cache.
1 13. The system of claim 11 wherein the navigation module further comprises one of speech
2 recognition module and touch tone (DTMF) recognition module.

1 14. The system of claim 11 wherein the content retrieval module further comprises one of
2 text-to-speech module and streaming media module.